JVC

SCHEMATIC DIAGRAMS

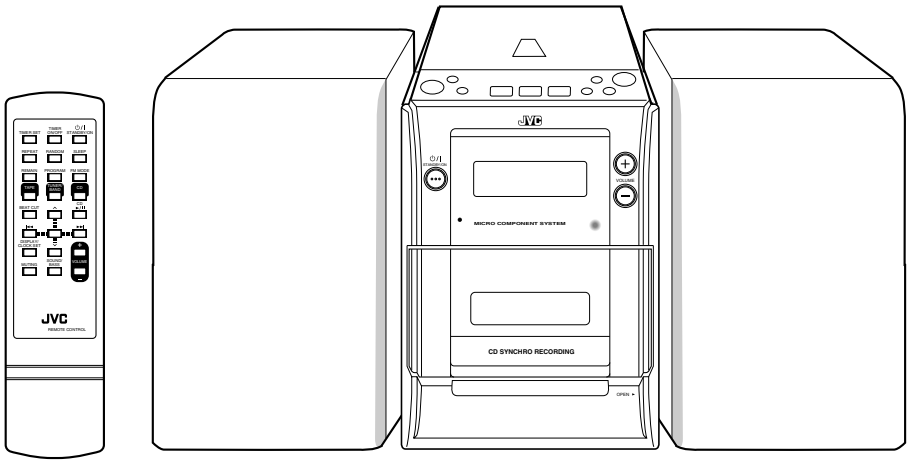
MICRO COMPONENT SYSTEM

UX-G1

CD-ROM No.SML200506

Area suffix

US ---------- Singapore
UB ---------- Hong Kong
UT ---------- Taiwan
UW ---------- Brazil,Mexico,Peru
UY ---------- Argentina



SP-UXG1 CA-UXG1 SP-UXG1

COMPACT disc DIGITAL AUDIO

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

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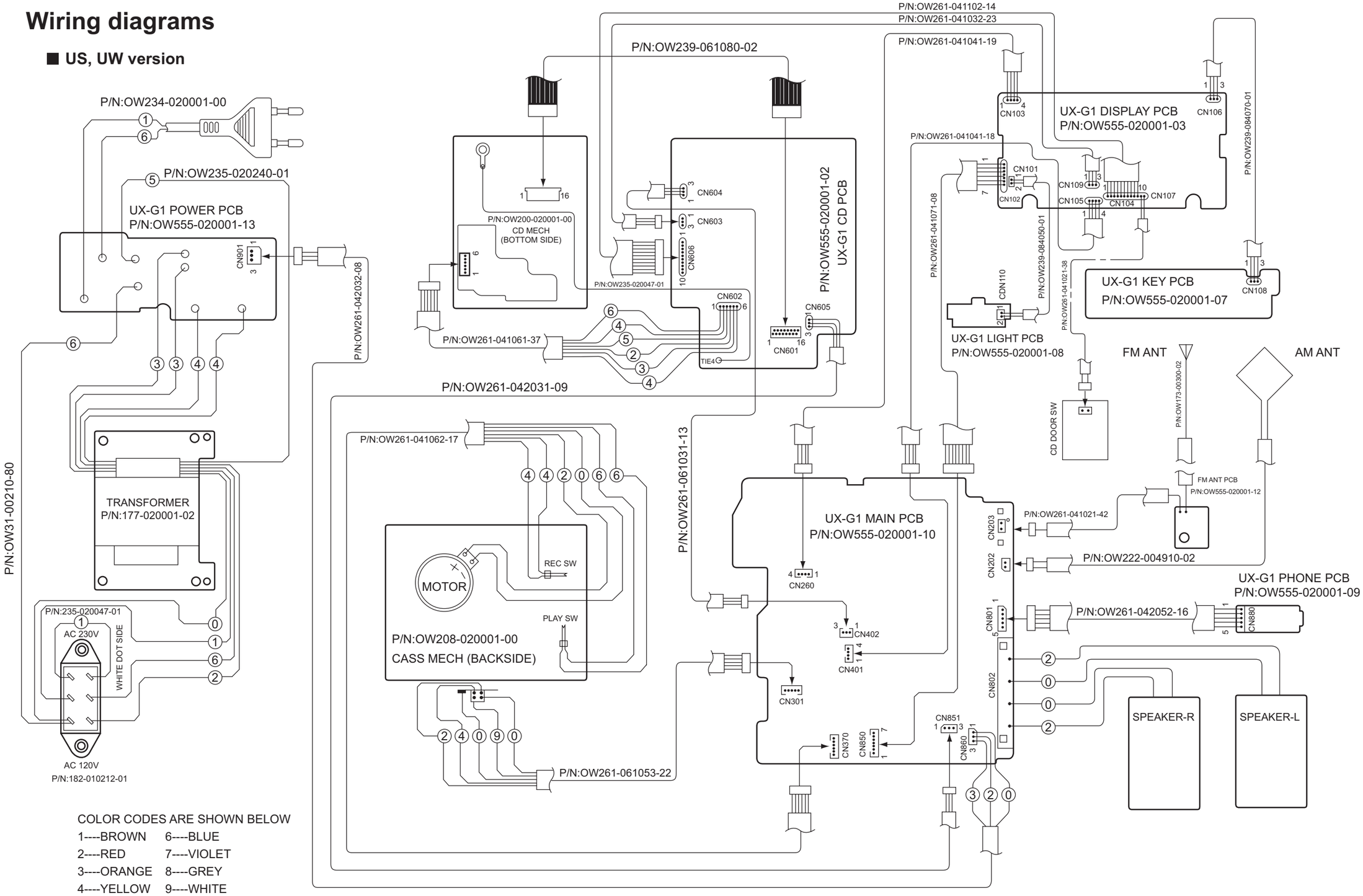
No.MB412SCH
2005/6

In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (▬), diode (▬) and ICP (⬤) or identified by the "⚠" mark nearby are critical for safety.

Wiring diagrams

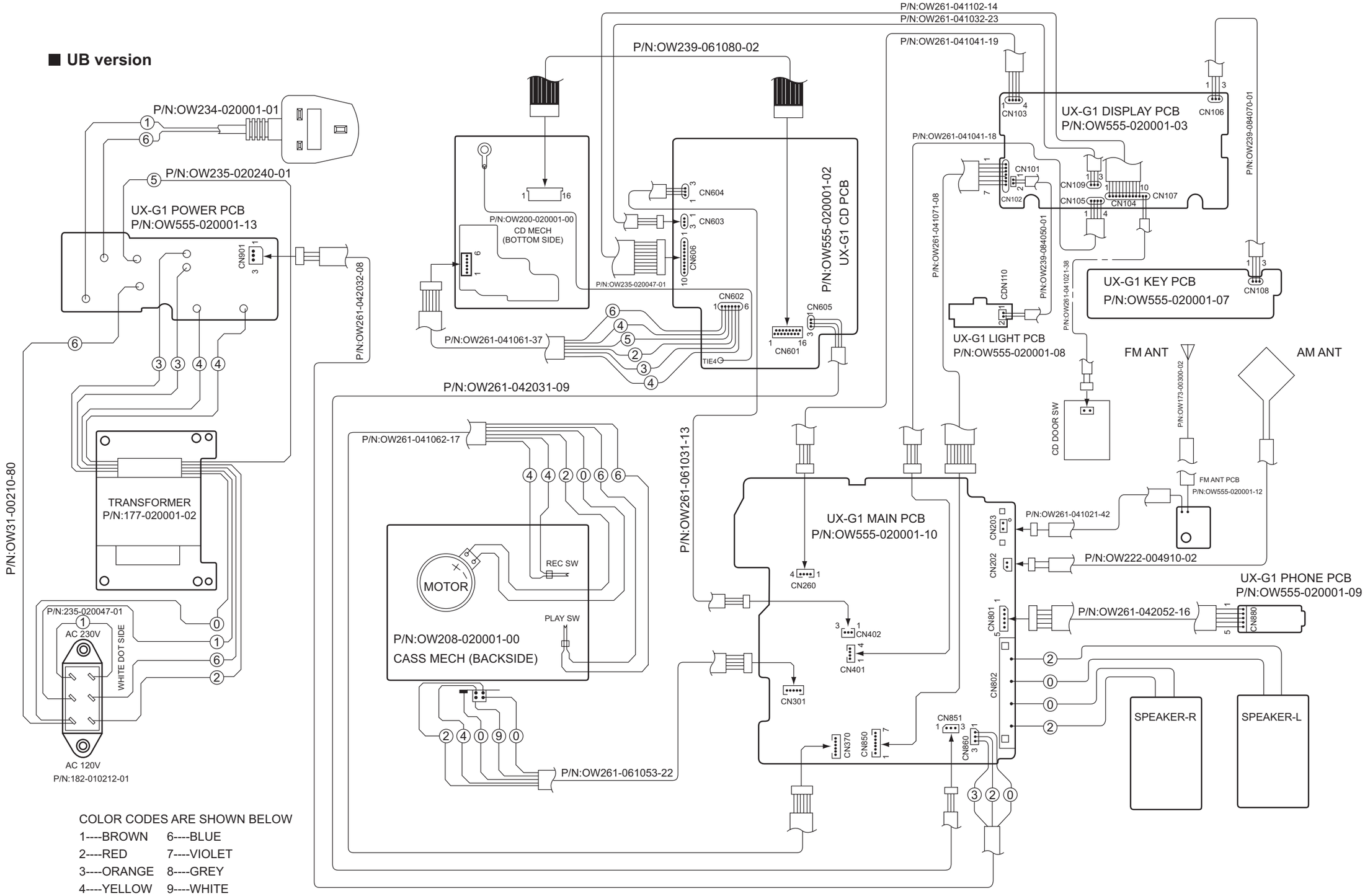
■ US, UW version



COLOR CODES ARE SHOWN BELOW

1----BROWN	6----BLUE
2----RED	7----VIOLET
3----ORANGE	8----GREY
4----YELLOW	9----WHITE
5----GREEN	0----BLACK

■ UB version



COLOR CODES ARE SHOWN BELOW

1----BROWN	6----BLUE
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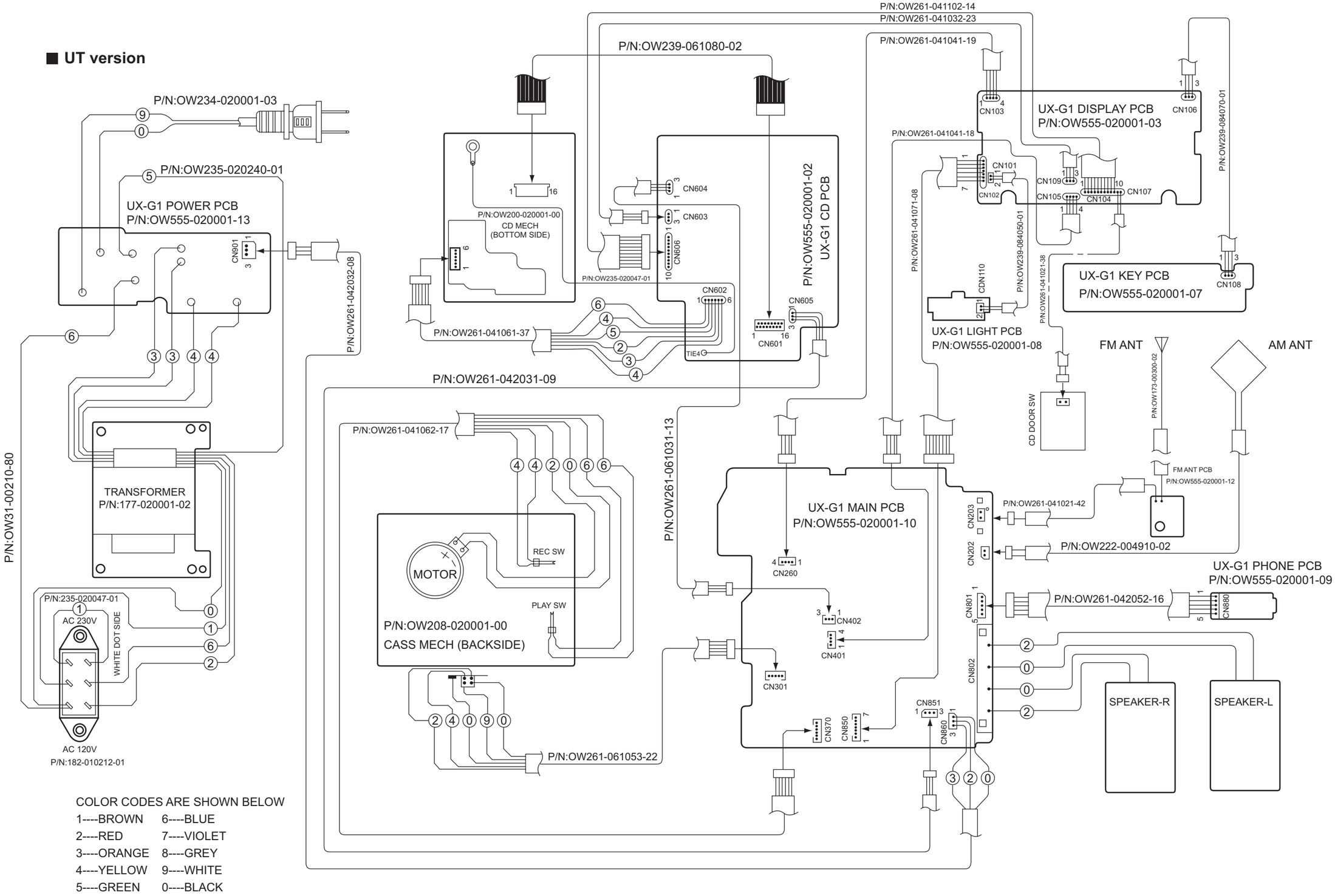
3----ORANGE	8----GREY
4----YELLOW	9----WHITE
5----GREEN	0----BLACK

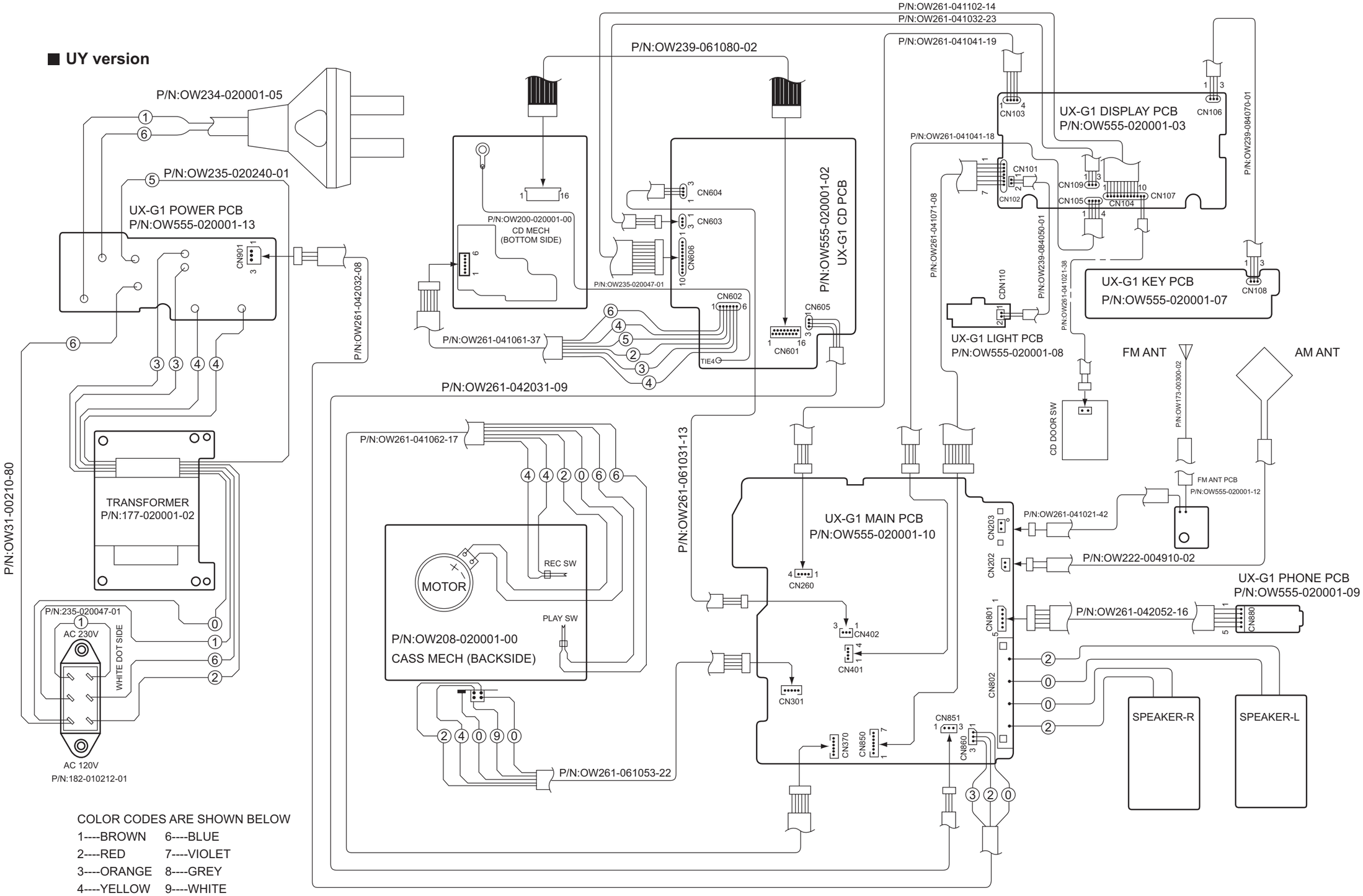
■ UT version



COLOR CODES ARE SHOWN BELOW

1----BROWN	6----BLUE
2----RED	7----VIOLET
3----ORANGE	8----GREY
4----YELLOW	9----WHITE
5----GREEN	0----BLACK

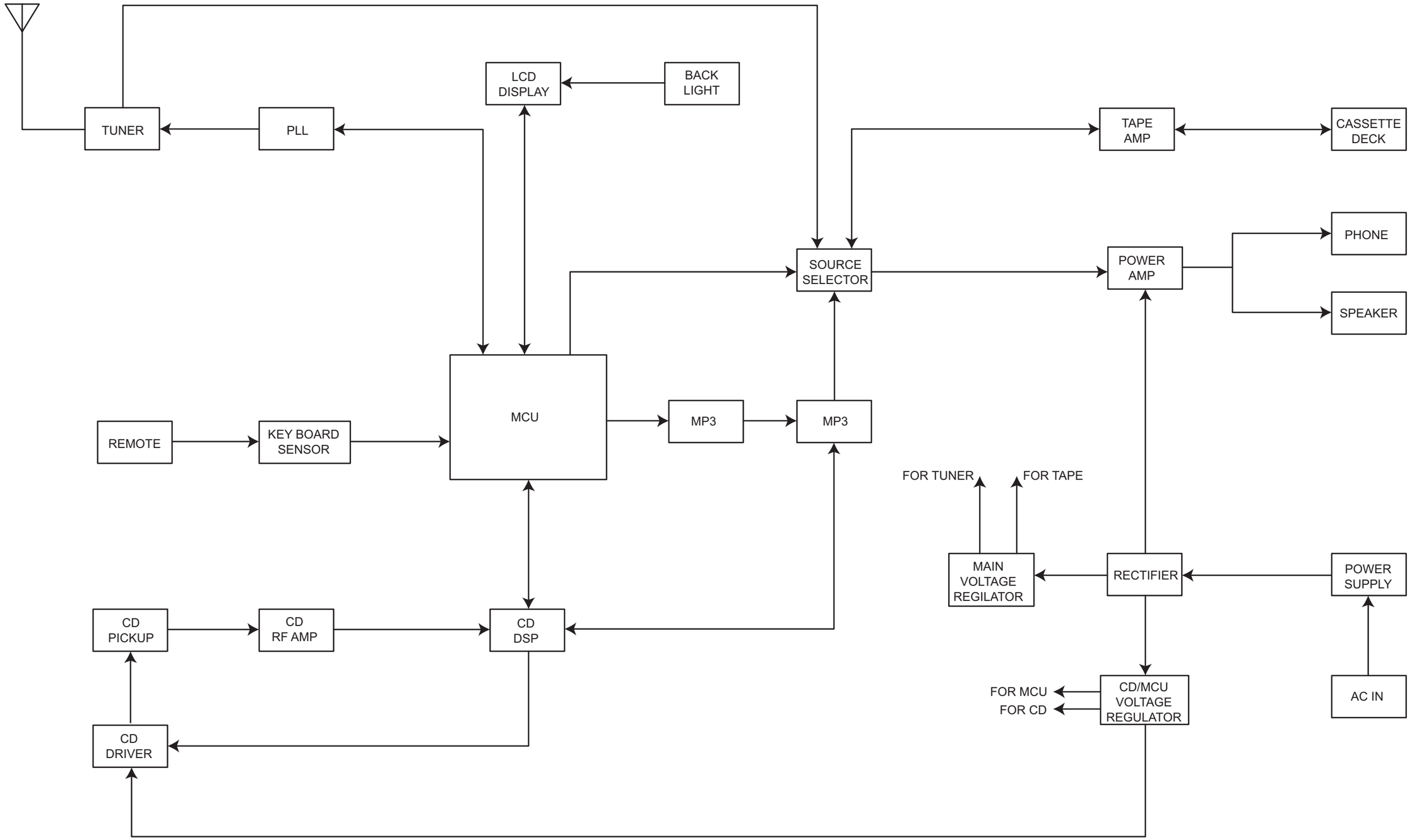
■ UY version



COLOR CODES ARE SHOWN BELOW

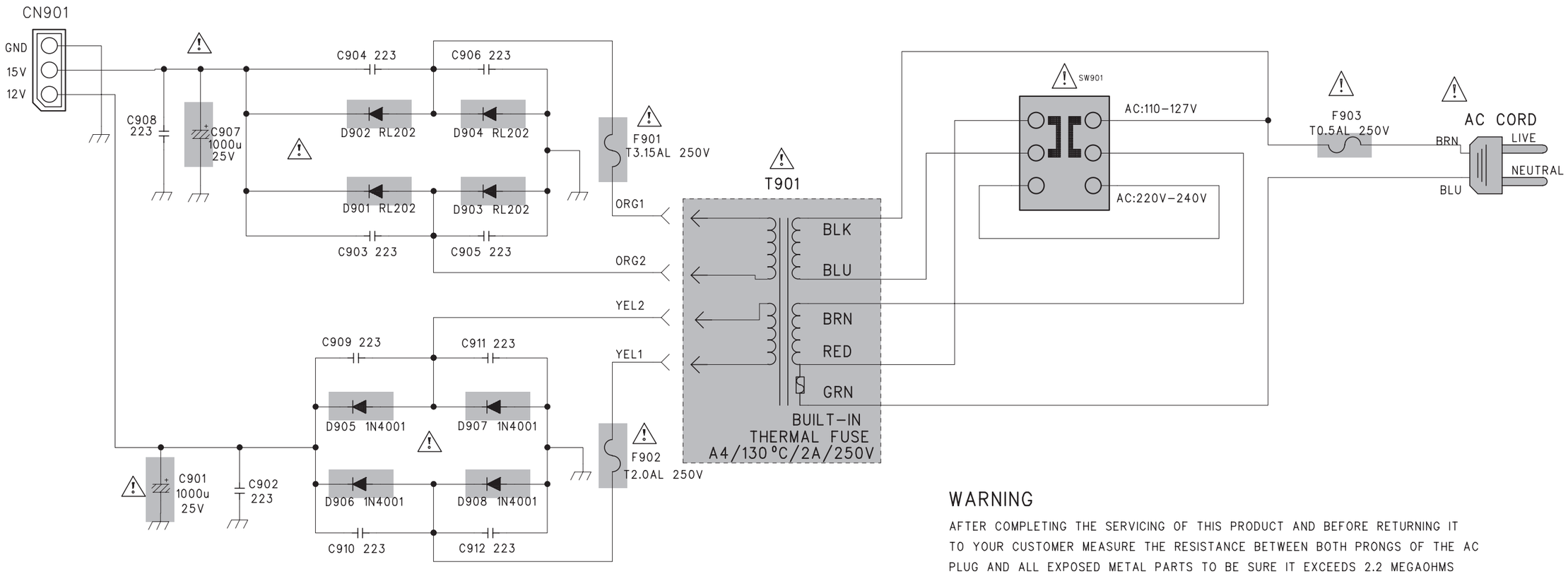
1----BROWN	6----BLUE
2----RED	7----VIOLET
3----ORANGE	8----GREY
4----YELLOW	9----WHITE
5----GREEN	0----BLACK

Block diagram



Standard schematic diagrams

■ Primaty section



SERVICING INSTRUCTIONS

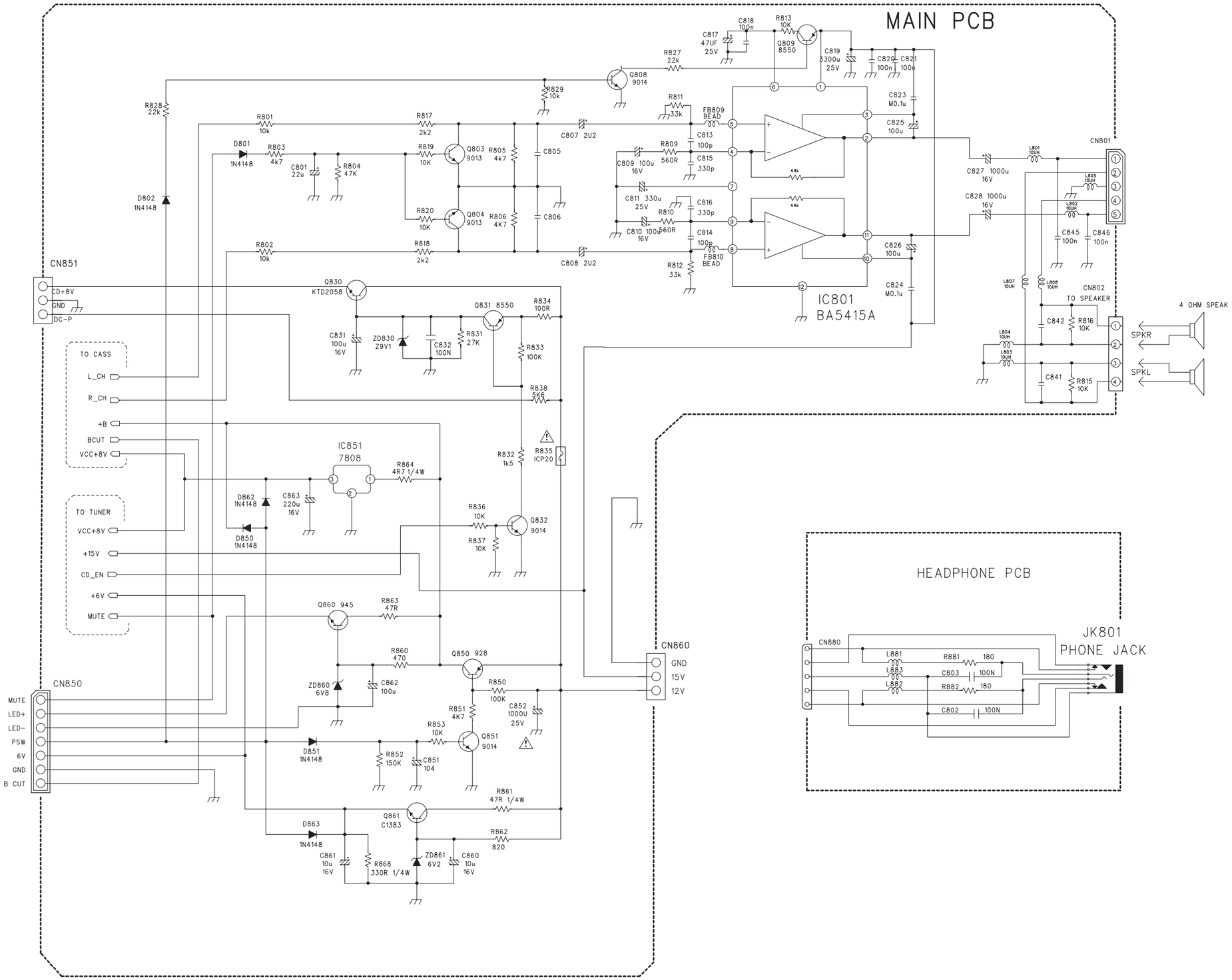
1. DISCONNECT POWER CORD BEFORE SERVICING.
2. REPLACE CRITICAL COMPONENTS ⚠ ONLY WITH FACTORY PARTS OR RECOMMEND EQUIVALENTS.
3. FOR AC LINE POWERED UNITS – BEFORE RETURNING REPAIRED UNIT TO USER, USE AN OHMMETER TO MEASURE FROM BOTH AC PLUG BLADES TO ALL EXPOSED METALLIC PARTS. THE RESISTANCE SHOULD BE MORE THAN 100,000 OHMS.

WARNING

AFTER COMPLETING THE SERVICING OF THIS PRODUCT AND BEFORE RETURNING IT TO YOUR CUSTOMER MEASURE THE RESISTANCE BETWEEN BOTH PRONGS OF THE AC PLUG AND ALL EXPOSED METAL PARTS TO BE SURE IT EXCEEDS 2.2 MEGAOHMS (POWER SWITCH IF ANY SHOULD BE IN ITS ON POSITION). IF THE RESISTANCE MEASURED IS LESS THAN 2.2 MEGAOHMS, THE UNIT SHOULD NOT BE RETURNED TO THE CUSTOMER UNTIL THE CAUSE FOR THE REDUCED POWER LINE. TO EXPOSED METAL PARTS RESISTANCE HAS BEEN CORRECTED AND THE UNIT PASSED THE ABOVE TEST.

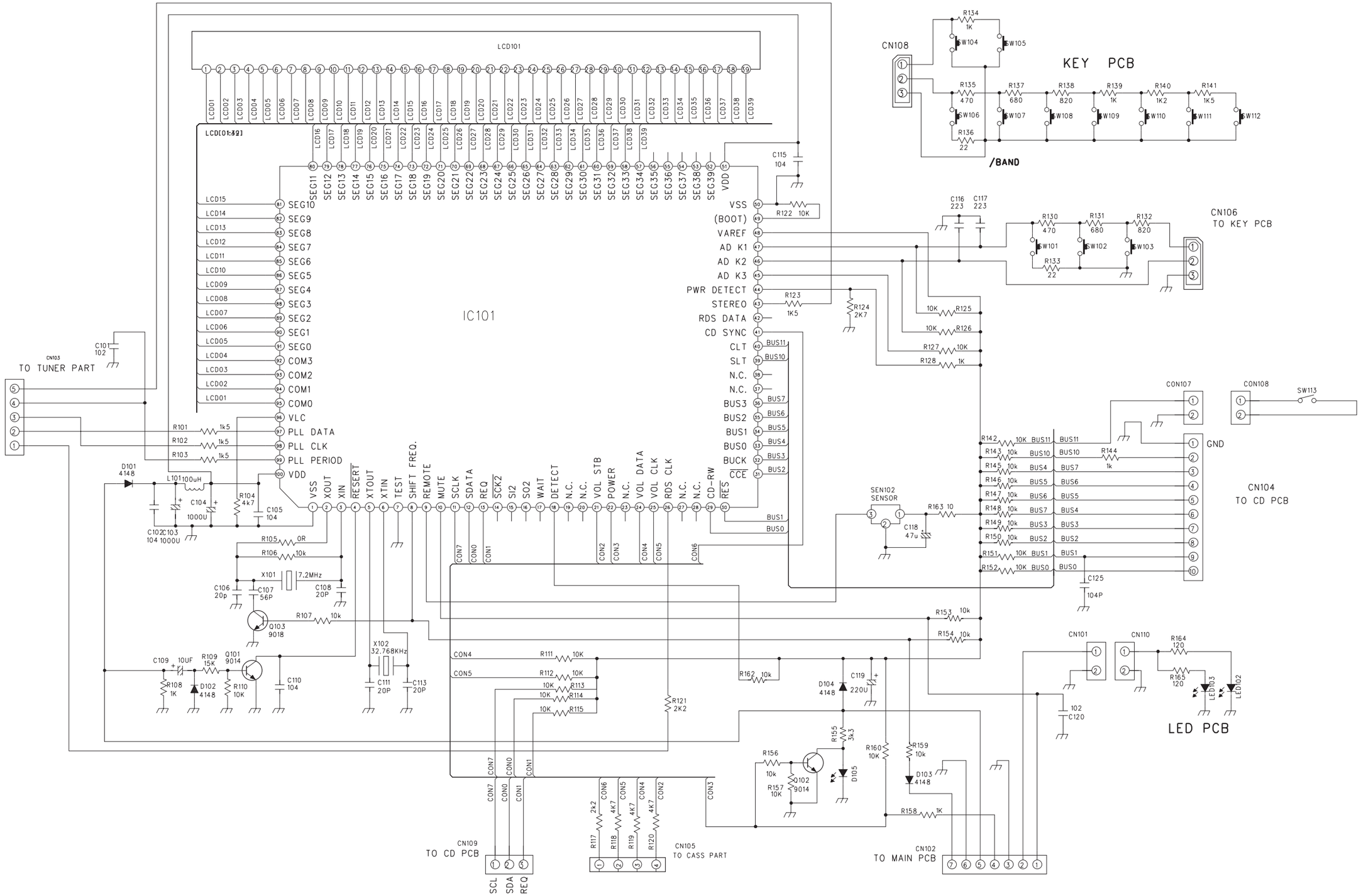
⚠ THIS MARK INDICATES THAT THE ADJACENT COMPONENT IS CONSIDERED CRITICAL WITH RESPECT TO THE RISK OF FILE AND ELETRICAL SHOCK ASSO-CIATED WITH THIS PRODUCT. WHEN REPLACING ANY OF THESE COMPONENTS, USE ONLY PARTS SUPPLIED BY MANUFACTURES WHOSE PART NUMBERS ARE INDI-CATED ON THE PARTS LIST ATTACHED.

■ Amp. section

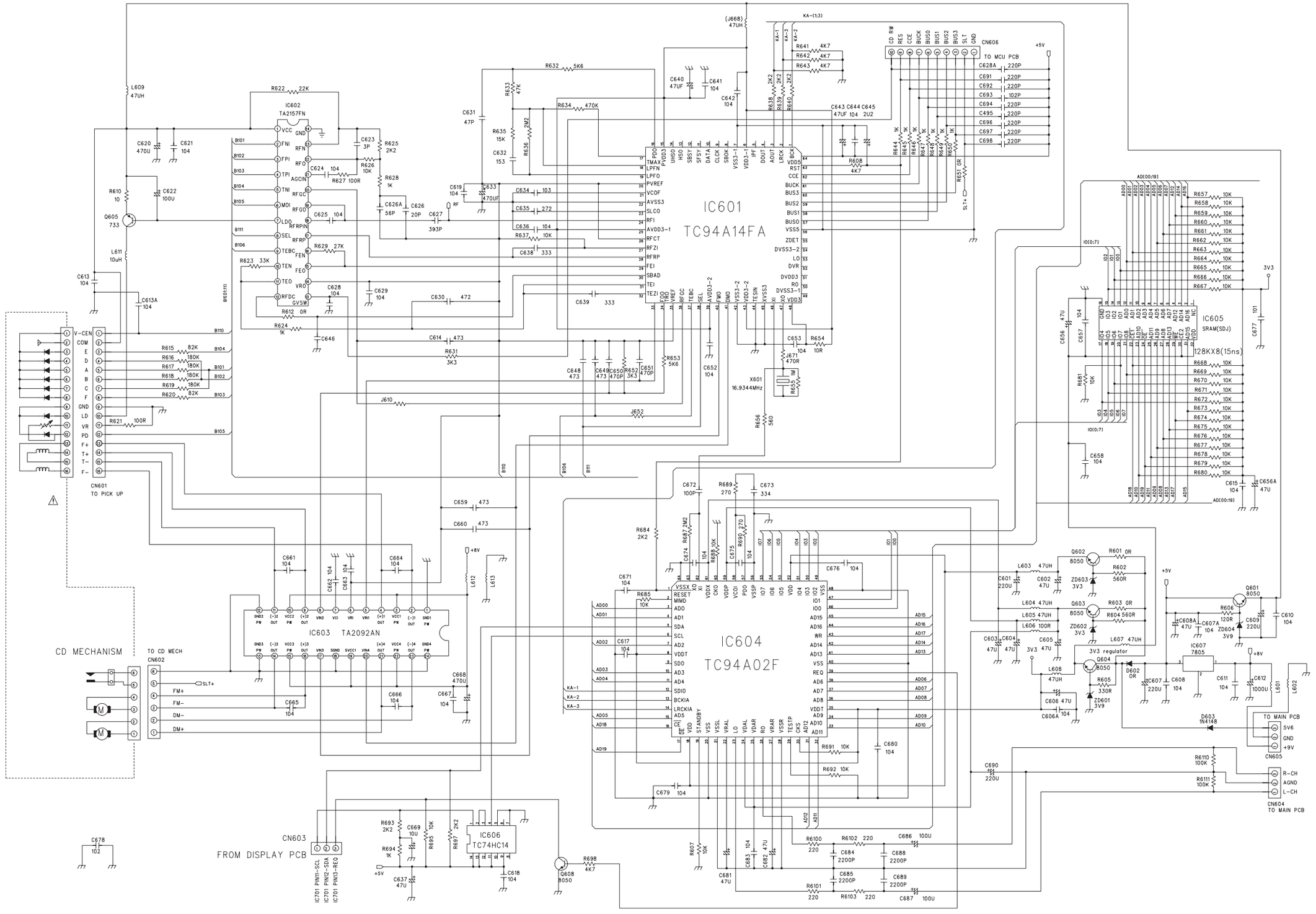

MAIN PCB
CN851
CD+8V
GND
DC-P
TO CASS
L_CH
R_CH
+B
BCUT
VCC+8V
TO TUNER
VCC+8V
+15V
CD_EN
+6V
MUTE
CN850
MUTE
LED+
LED-
PSW
6V
GND
B CUT
IC801
BA5415A
IC851
7808
CN860
GND
15V
12V
CN801
CN802
TO SPEAKER
4 OHM SPEAK
SPKR
SPKL
Q808 9014
Q803 9013
Q804 9013
Q809 8550
Q830 KTD2058
Q831 8550
Q832 9014
Q860 945
Q850 928
Q851 9014
Q861 C1383
D801 1N4148
D802 1N4148
D850 1N4148
D851 1N4148
D862 1N4148
D863 1N4148
ZD830 Z9V1
ZD860 6V8
ZD861 6V2
C807 2U2
C808 2U2
C809 100u 16V
C810 100u 16V
C811 330u 25V
C817 47UF 25V
C819 3300u 25V
C827 1000u 16V
C828 1000u 16V
C831 100u 16V
C861 10u 16V
C860 10u 16V
C863 220u 16V
R832 1k5
R835 ICP20
R836 10K
R837 10K
R852 150K
R868 330R 1/4W
R862 820
R861 47R 1/4W
R863 47R
R864 4R7 1/4W

HEADPHONE PCB
CN880
JK801
PHONE JACK
L881
L883
L882
R881 180
R882 180
C803 100N
C802 100N

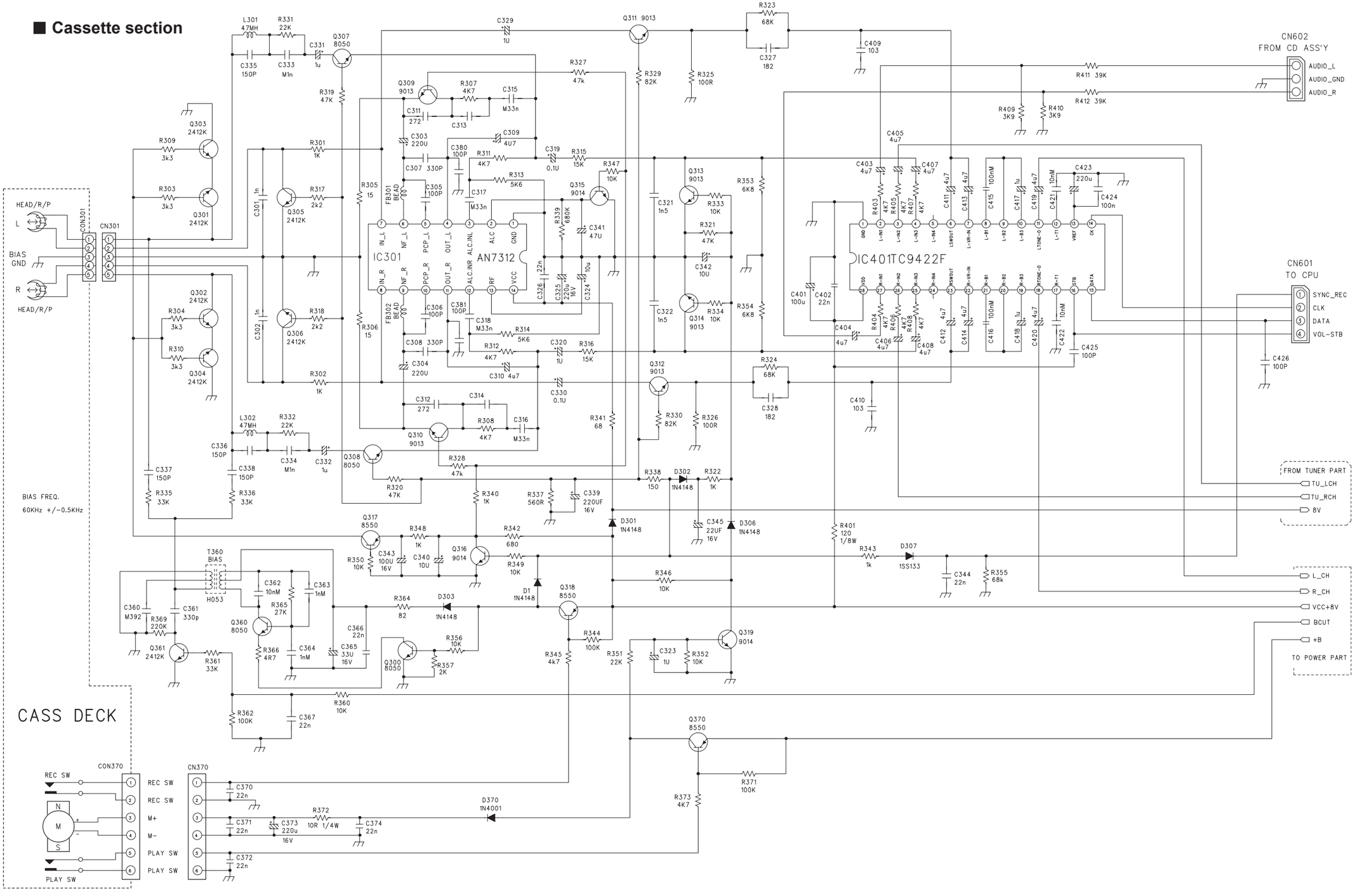
■ Display section



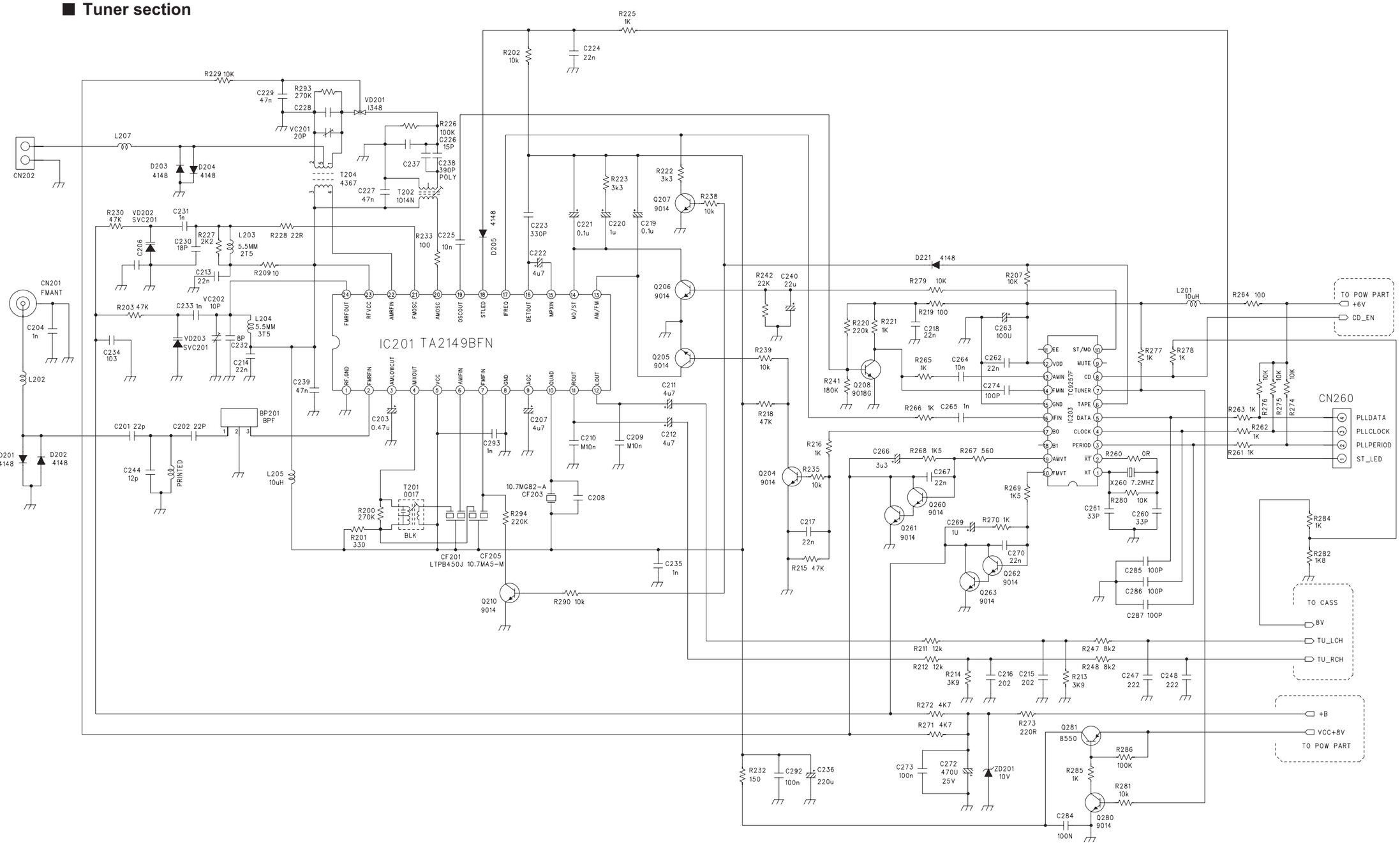
■ CD section


IC601
TC94A14FA
IC602
TA2157FN
IC603
TA2092AN
IC604
TC94A02F
IC605
SRAM(SDJ)
128KX8(15ns)
IC606
TC74HC14
IC607
7805
3V3 regulator
CN601
TO PICK UP
CN602
TO CD MECH
CD MECHANISM
CN603
FROM DISPLAY PCB
CN604
TO MAIN PCB
CN605
TO MAIN PCB
CN606
TO MCU PCB
X601
16.9344MHz
+5V
+8V
3V3

■ Cassette section



■ Tuner section

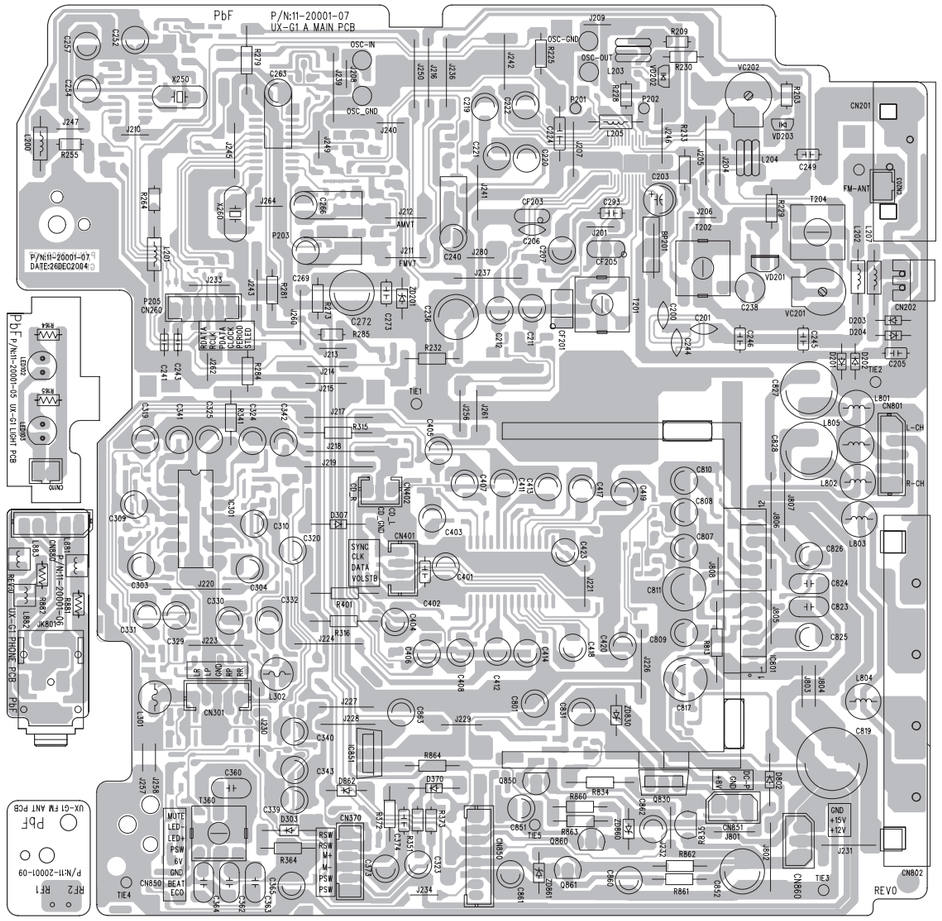


Printed circuit boards

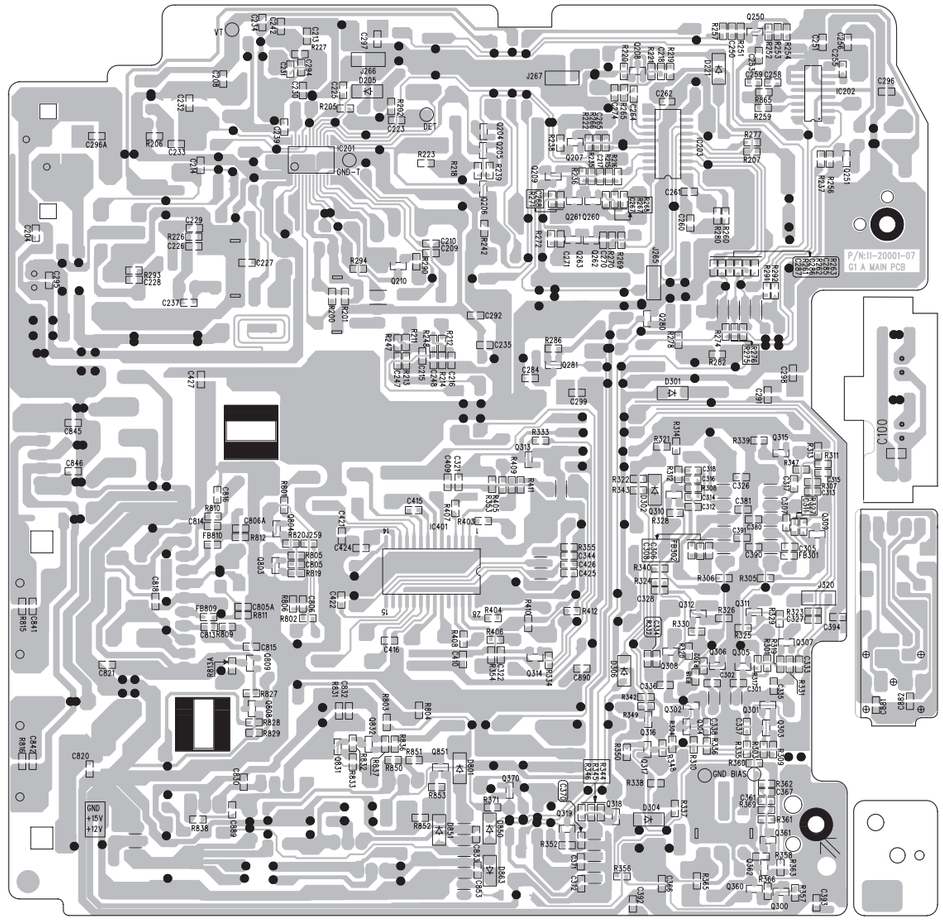
■ Main board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(forward side)



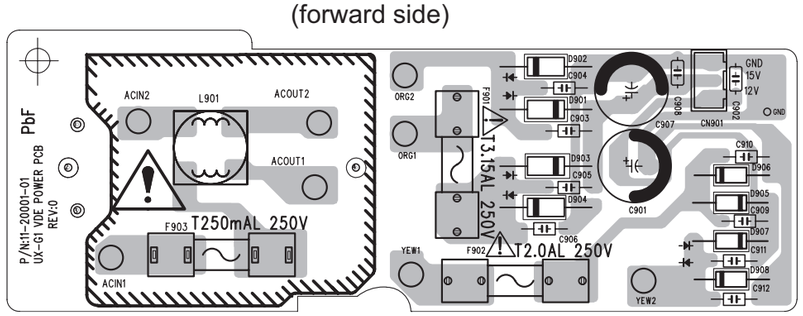
(reverse side)



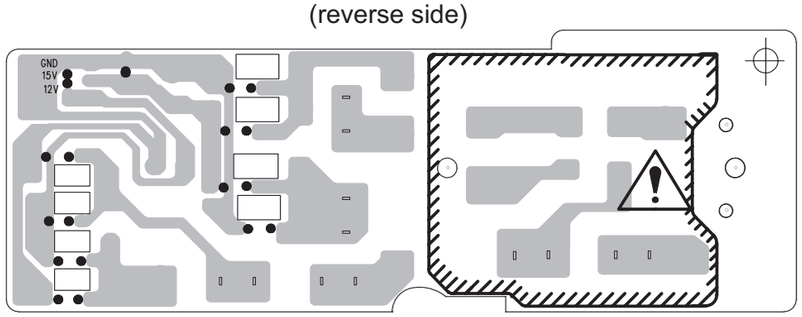
■ Trans board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(forward side)



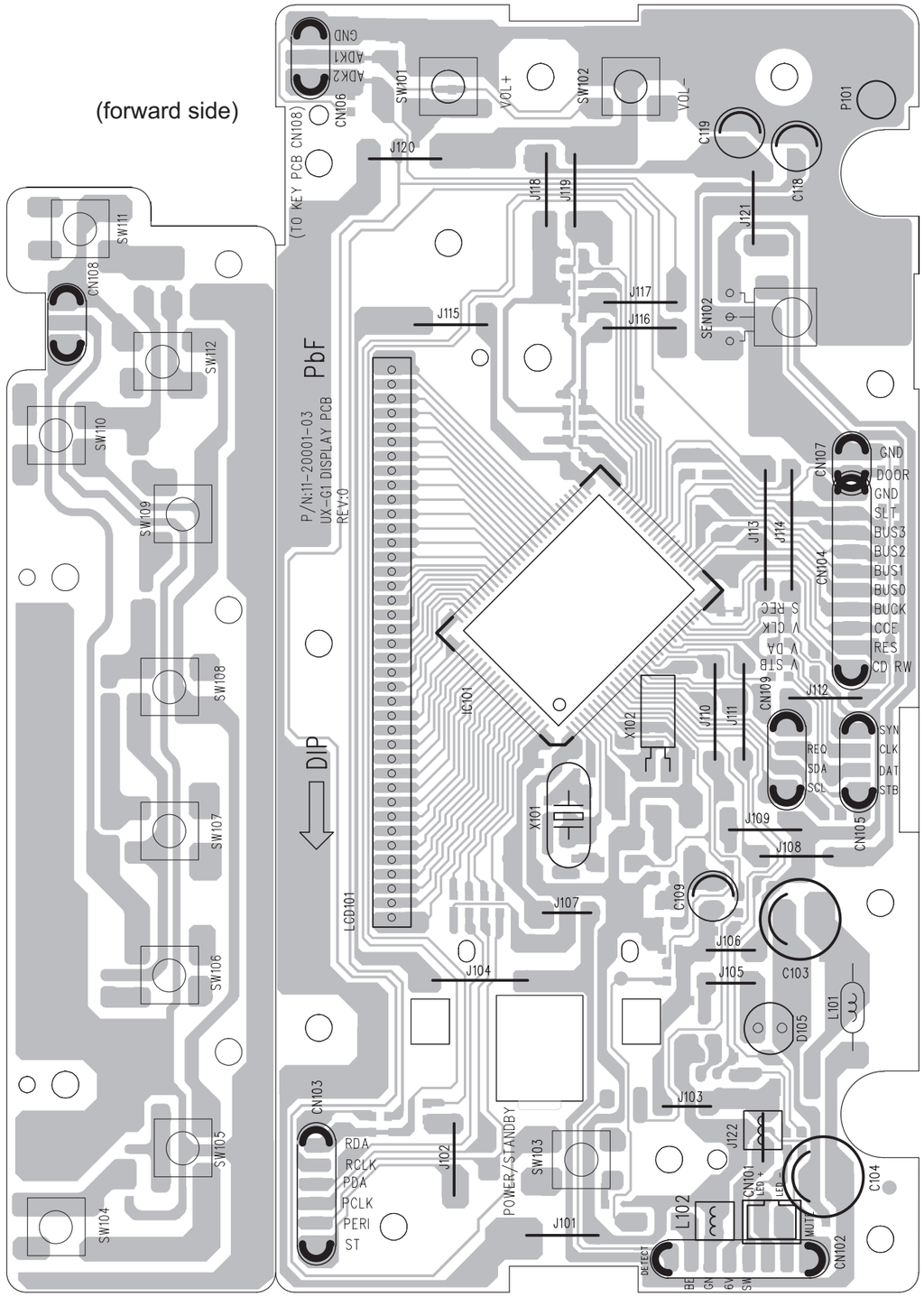
(reverse side)



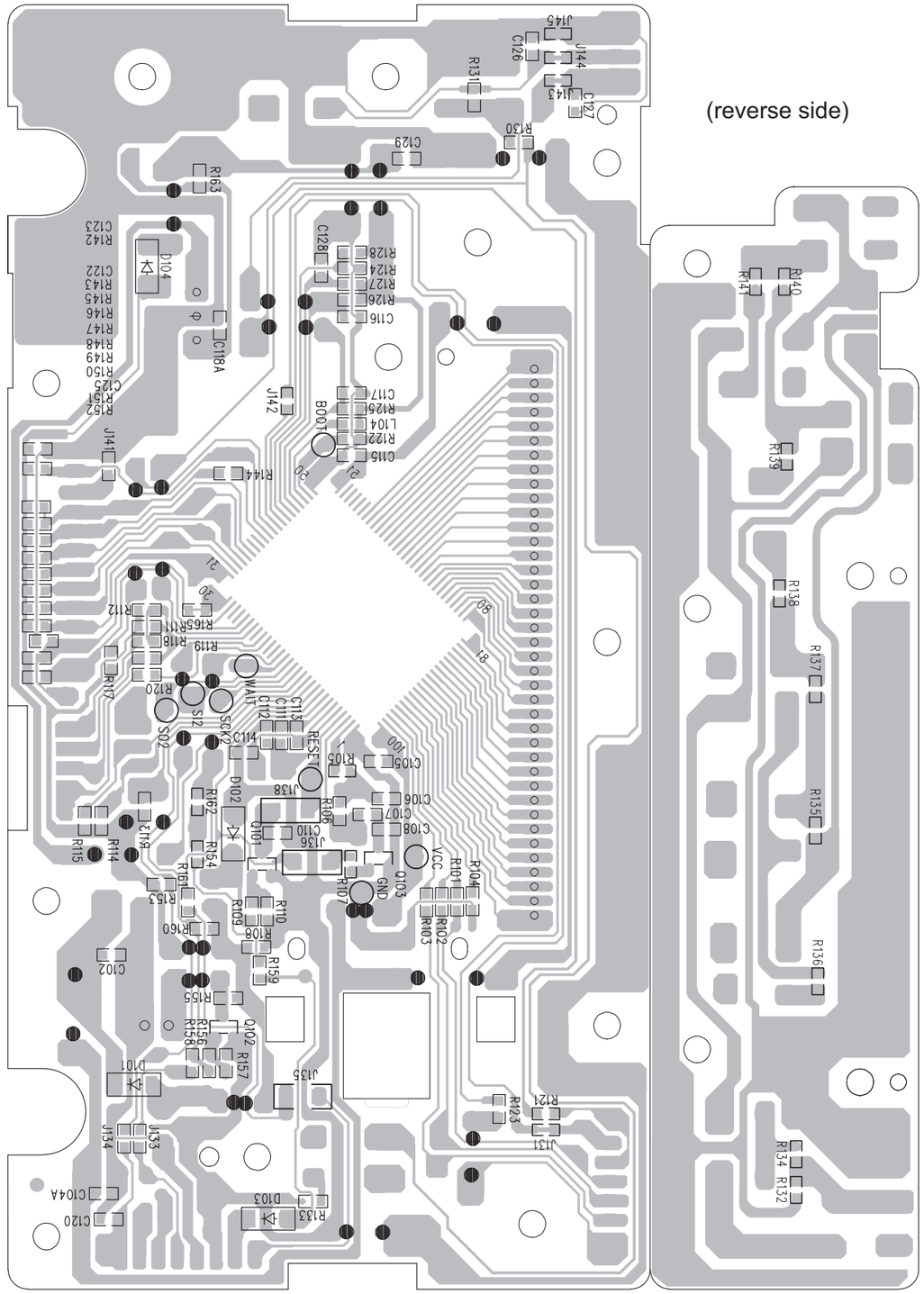
■ Display board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(forward side)



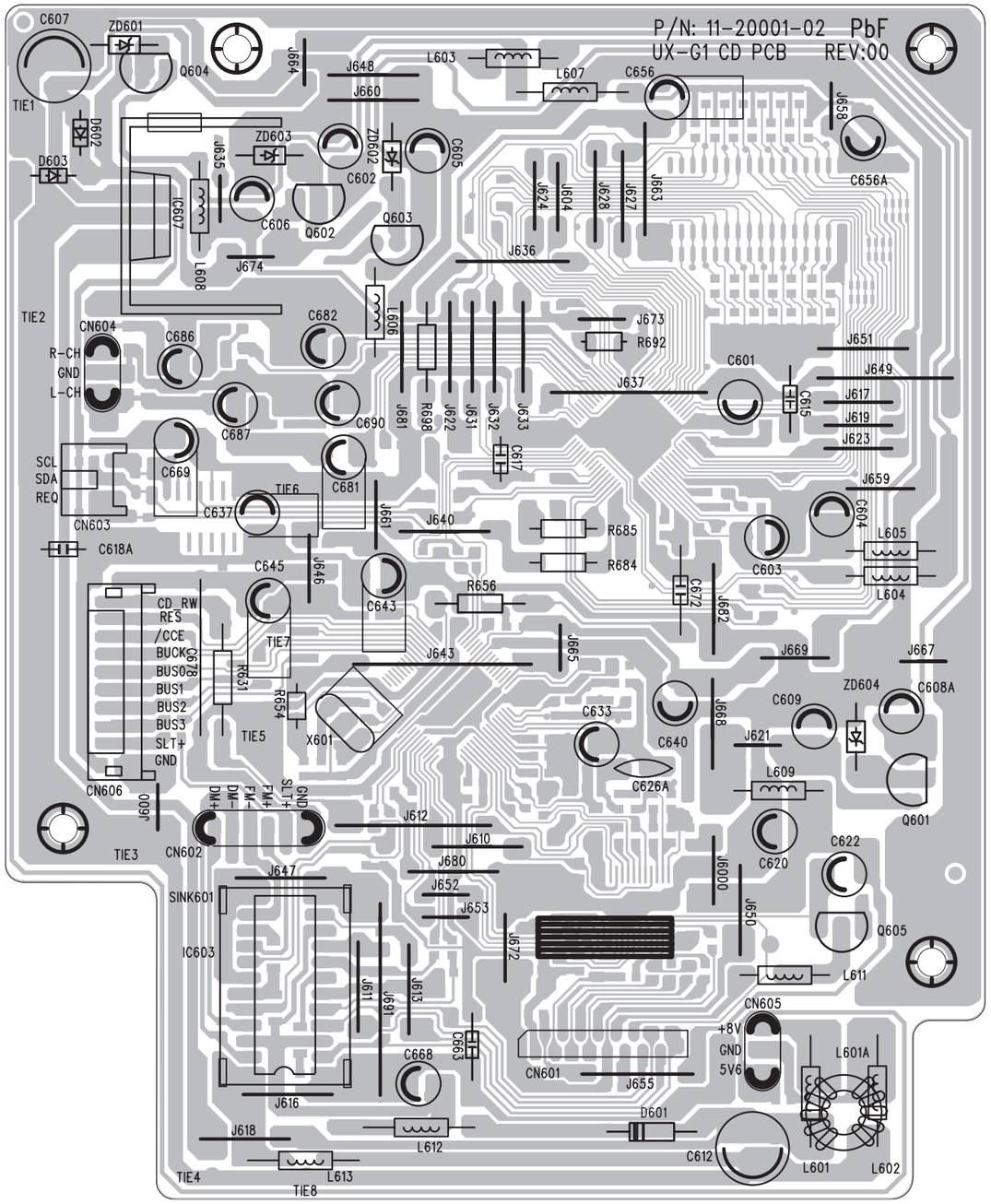
(reverse side)



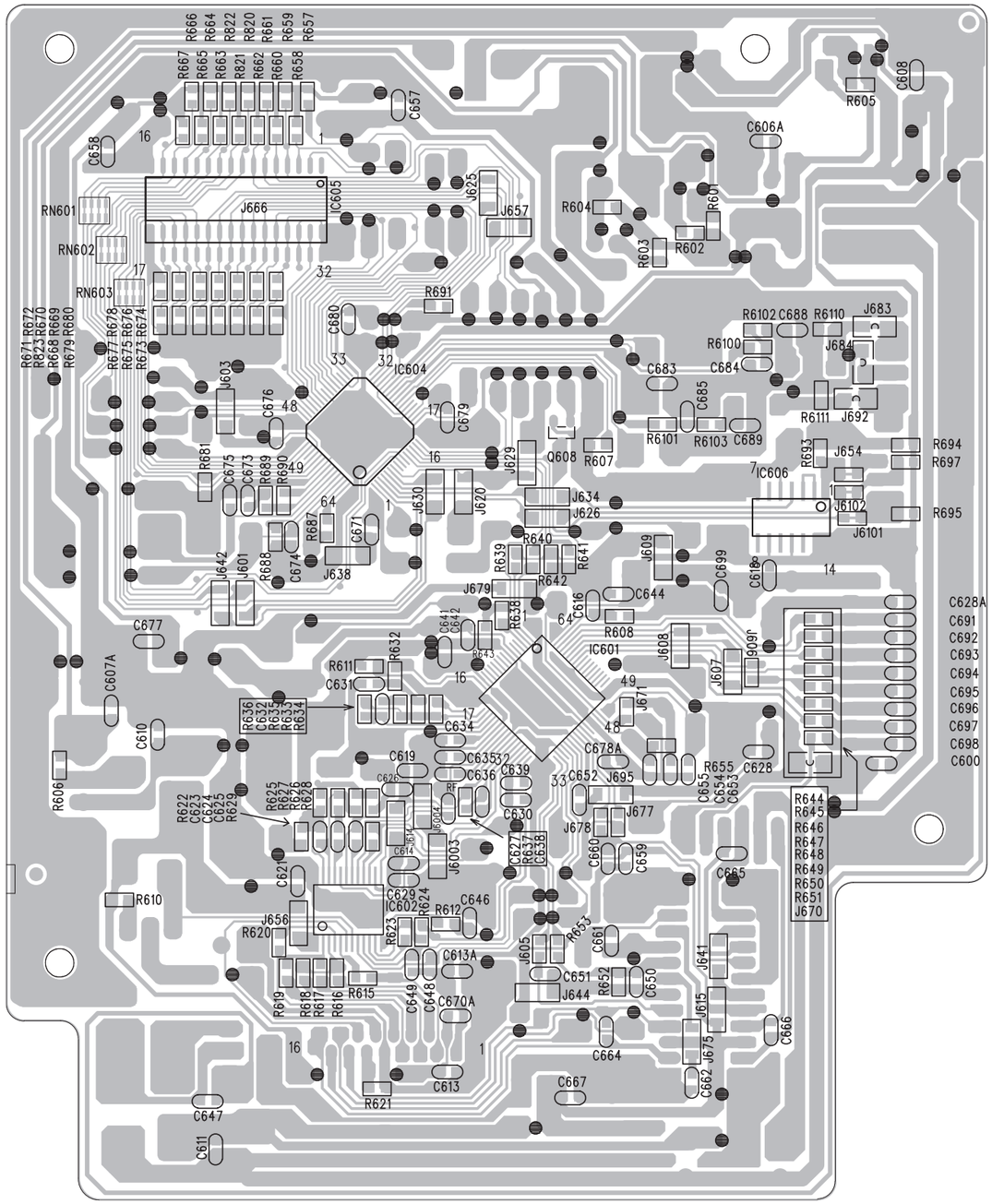
■ CD board

Lead free solder used in the board (material : Sn-Ag-Cu, melting point : 219 Centigrade)

(forward side)



(reverse side)



< MEMO >

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(No.MB412SCH)

Printed in Japan
VPT